



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

July 25, 1985

CERTIFIED RETURN RECEIPT REQUESTED
P-592-429-584

Mr. Andrew C. King
Genwal Coal Company
P.O. Box 1201
Huntington, Utah 84528

Dear Mr. King

Re: Abatement Response, Seep and Spring Inventory , NOV # N85-4-7-2
1 of 2, Genwal Coal Company, Crandall Canyon Mine, ACT
015/032, File #3 & 7, Emery County, Utah

The Division has completed the review of the seep and spring inventory for the Crandall Canyon mine plan and adjacent area, submitted June 12, 1985. The submittal is adequate to fulfill the requirements of items #1 and 2 of the Division's August 17, 1984 deficiency letter to Mr. W. C. Wollen. However, the submittal is deficient with regards to items #3, 4, and 5.

The Division's written notes from the May 8, 1985 meeting held in this office, indicate that an agreement was reached to eliminate full analytical sampling of the seeps and springs identified during the initial inventory. However, a monitoring program which reflects representative sampling sites was to be submitted following this initial survey. Representative sampling locations were to be discussed with the Division prior to finalizing the monitoring plan based upon the results of the initial survey. The operator must submit a proposed monitoring plan to be reviewed by the Division.

Item #4 requires that a supplemental survey be conducted during the fall to follow the recent spring survey. The results of the fall survey should help substantiate the conclusion that some of the springs are intermittent. In order to abate the above referenced NOV, the operator must provide a written commitment by August 19, 1985, to conduct this survey before October 15, 1985.

Item #5 requires that the information and conclusions from the survey are to be incorporated into the MRP. The operator must address this item prior to NOV abatement approval.

Page 2

Mr. Andrew C. King

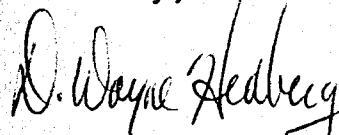
ACT/015/032

July 25, 1985

The operator must commit in writing to the above items prior to August 19, 1985 in order to abate the NOV.

If you have any questions on this matter, please give me or Rick Summers of the technical staff a call.

Sincerely,



D. Wayne Hedberg
Permit Supervisor/
Reclamation Hydrologist

RS:jvb

cc: A. Klein
R. Christensen
L. Braxton
D. Cline
D. Lof
T. Suchoski
R. Summers

0398R



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

August 17, 1984

CERTIFIED RETURN RECEIPT REQUESTED
P-402-457-299

Mr. William C. Wollen
Genwal Coal Company
P. O. 1201
Huntington, Utah 84528

Dear Mr. Wollen:

RE: Spring and Seep Inventory, Crandall Canyon Mine, Genwal Coal Company, ACT/015/032, Folders No. 2 & 3, Emery County, Utah

The Division's technical staff has reviewed the Spring and Seep Inventory Report submitted by Genwal on July 5, 1984. Based on the staff's review, the following questions and concerns were raised:

1. The extent of the survey was limited to Genwal's lease, what about the adjacent areas? Genwal must survey areas adjacent to the Mine Plan area.
2. No description of geologic conditions associated with the springs and seeps was provided. What formation and structural or lithologic occurrence is present? A description of geologic conditions for each spring or seep must be provided.
3. Water quality data apparently was not collected from either the springs or seeps. Water chemistry analyses for pH, temperature, conductivity, TDS, calcium, magnesium, sodium, sulphate, carbonate, and chloride must be provided at a minimum.
4. The report hesitantly concludes that the springs and seeps may be intermittent, based on vegetation vigor. To provide a firm conclusion, Genwal must conduct a supplemental survey by October 15, 1984 to evaluate flow, water quality and geologic conditions.

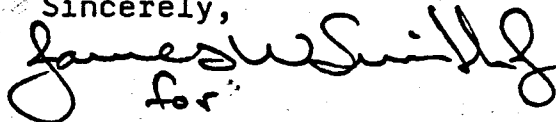
Page Two
Mr. William Wollen
August 17, 1984

5. The information from both the above survey and the required fall survey, must be consolidated into a report which is to be incorporated into the Mining & Reclamation Plan. This report, due by November 15, 1984, shall integrate the hydrology, vegetation and geology information contained in the mine plan with the information collected from the surveys. It must also provide a description of groundwater occurrence within and adjacent to the mine plan area.

Genwal must commit in writing by August 30, 1984 to provide the supplemental information listed above. Failure to provide this commitment to the survey or submit the required information shall result in enforcement action.

Please call if you have any questions.

Sincerely,



for
D. Wayne Hedberg
Permit Supervisor/
Reclamation Hydrologist

DWH/TJS:jvb

cc: Allen Klein, OSM
Jim Smith, DOGM
Joe Helfrich, DOGM
Sandy Pruitt, DOGM
Tom Suchoski, DOGM

98500-13

MRP REVISION/NOV TRACKING FORM
(Revised: 3/20/85)

2 (DOGM)
1 (USFS)
2 (OSM)
1 (State Health)
1 (Water Rts)
1 (DWR/USFWS)

Type of Proposal: X COAL NONCOAL

 Exploration
X NOV/CO Abatement
 MRP Revision
 MRP Amendment

NOV # 85-4-7-2, Abatement Deadline

1 of 2

Issuing Inspector Dave Lof

Title of Proposal: MRP Stipulation Response (Spring & Seep Survey)

Company name: Genwal Coal Co

Project/
Mine Name: Grandall Cyn. Mine

File # (PRO/ACT): 015/032
(CEP/EXP)

Disturbed (Fed/State/Fee): / /
Acres

Assigned Reviewers:

Review Time (hrs):

OTHER AGENCIES:
(# of copies & date)

(Hydrology) TJS / DAVE
(Wildlife/Veg.) CLINE / RS
(Engineering)
(Soils)
(Geology)

5 hrs

OSM
USFS
BLM
Health
History
H2O Rts
Wildlife

DATES:

USFWS

(a) Initial Plan Received July 5/84
Tech Review Due July 20/84
Tech Review Complete
DOGM Deficiency Letter Aug 17/84

(d) NOV Termination

(b) Operator Resubmission Aug 24/84
Tech Review Due
Tech Review Complete
DOGM Deficiency Letter

(e) Bond Revised
Amount (\$)

Commitment to supply the requested info by AUG 17th deficiency letter by 11/15/84

(c) Operator Resubmission June 12/85
Tech Review Due June 26/85
Tech Review Complete
DOGM Deficiency Letter

(f) Conditional Approval
Stipulations Due
Stips Received
Final Approval

(g) MR-9 Received
MR-9 Acknowledged

COMMENTS: This was stipulated as part of MRP approval & has been postponed. Sandy Pruitt forced us to under threat of NOV.

NOTE (INSPECTORS): Please attach a copy of the NOV issued to the abatement plan when received from the operator.

NOTE (REVIEWERS): Please prepare review comments in a format referencing the appropriate regulation or statute. State the deficiency as well as the minimum requirement necessary to demonstrate compliance. Fill in the # of hours spent in review by discipline. Return completed form to the Special Permits Supervisor when complete.

File: ACT/015/032
#9 *W. C. King*
W. C. King

GENWAL COAL COMPANY

P.O. Box 1201 • Huntington, Utah 84528
Telephone (801) 687-9813

RECEIVED

June 12, 1985

JUN 12 1985

DIVISION OF OIL
GAS & MINING

Mr. Lowell P. Braxton
Department of Natural Resources
Division of Oil, Gas and Mining
355 W. North Temple
3 Triad Center
Suite 350
Salt Lake City, Utah 84180-1203

Re: Spring and Seep Survey / Ground Water Study

Dear Mr. Braxton,

Please find enclosed 7 copies of the Seep and Spring Survey recently completed by Genwal Coal Company for their Crandall Canyon Mine. Genwal Coal Company requests this be approved and added to our approved MRP.

With this submittal we would also request you abate NOV 85-4-7-2, #1 of 2.

This spring and seep survey was completed by Rich White and Randy Gainer of Earthfax Engineering Inc., Murray, Utah. In the interest of saving time and avoiding confusion and misunderstandings you may contact these individuals directly with any problems relating to this submitted material. Their telephone number is 268-8062.

If I can be of any further assistance please feel free to contact me at 637- 7383. Once again I must apologize for the delay you and your people experienced in the field the other day, I hope I can make it up to you in the future. Thank you very much for your time and consideration.

Sincerely yours,

Andrew C. King
Andrew C. King